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<input type="checkbox"/>	L2	L1 and (mutated adj immunogen)	0
<input type="checkbox"/>	L1	pms2 and (dominant adj negative)	55

END OF SEARCH HISTORY

Trying 31060000009999...Open

DIALOG INFORMATION SERVICES

PLEASE LOGON:

\*\*\*\*\* HHHHHHHH SSSSSSSS? ### Status: Signing onto Dialog \*\*\*\*\*

ENTER PASSWORD:

\*\*\*\*\* HHHHHHHH SSSSSSSS? \*\*\*\*\*

### Status: Login successfulWelcome to DIALOG

Dialog level 05.08.03D

Last logoff: 25oct05 11:45:46

Logon file405 12nov05 15:01:19

\*\*\* ANNOUNCEMENT \*\*\*

\*\*\*

--UPDATED: Important Notice to Freelance Authors--

See HELP FREELANCE for more information

\*\*\*

NEW FILES RELEASED

\*\*\*Index Chemicus (File 302)

\*\*\*Inspec (File 202)

\*\*\*Physical Education Index (File 138)

\*\*\*Computer and Information Systems Abstracts (File 56)

\*\*\*Electronics and Communications Abstracts (File 57)

\*\*\*Solid State and Superconductivity Abstracts (File 68)

\*\*\*ANTE: Abstracts in New Technologies (File 60)

\*\*\*

RELOADS COMPLETED

\*\*\* The 2005 reload of the CLAIMS files (Files 340, 341, 942)

is now available online.

RESUMED UPDATING

\*\*\*ERIC (File 1)

\*\*\*

Chemical Structure Searching now available in Prous Science Drug Data Report (F452), Prous Science Drugs of the Future (F453), IMS R&D Focus (F445/955), Pharmaprojects (F128/928), Beilstein Facts (F390), Derwent Chemistry Resource (F355) and Index Chemicus (File 302).

\*\*\*

>>> Enter BEGIN HOMEBASE for Dialog Announcements <<<

>>> of new databases, price changes, etc. <<<

\*\*\*\*

\* \* \*

SYSTEM:HOME

Cost is in DialUnits

Menu System II: D2 version 1.7.9 term=ASCII

\*\*\* DIALOG HOMEBASE(SM) Main Menu \*\*\*

Information:

1. Announcements (new files, reloads, etc.)
2. Database, Rates, & Command Descriptions
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Terminal set to DLINK

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? b 71, 73, 144

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$0.00 Estimated cost FileHomeBase
$0.05 TELNET
$0.05 Estimated cost this search
$0.05 Estimated total session cost      0.225 DialUnits
```

SYSTEM:OS - DIALOG OneSearch

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File 73:EMBASE 1974-2005/Nov 11  
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File 144:Pascal 1973-2005/Oct W5  
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? s pms2 and (dominant (w) negative)

448	PMS2
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206199	DOMINANT
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709603	NEGATIVE
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27960	DOMINANT(W)NEGATIVE
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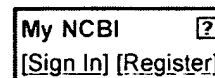
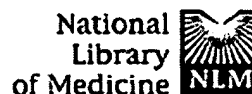
S1	9	PMS2 AND (DOMINANT (W) NEGATIVE)
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? t s1/full/all

? rd

...completed examining records

S2	5	RD (unique items)
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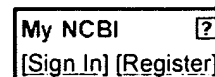
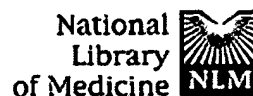
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- ☐ **1:** [Gryfe R, Gallinger S.](#) [Related Articles, Links](#)  
 **Germline PMS2 mutations: one hit or two?**  
Gastroenterology. 2005 May;128(5):1506-9. Review. No abstract available.  
PMID: 15887130 [PubMed - indexed for MEDLINE]
- ☐ **2:** [Gologan A, Sepulveda AR.](#) [Related Articles, Links](#)  
 **Microsatellite instability and DNA mismatch repair deficiency testing in hereditary and sporadic gastrointestinal cancers.**  
Clin Lab Med. 2005 Mar;25(1):179-96. Review.  
PMID: 15749237 [PubMed - indexed for MEDLINE]
- ☐ **3:** [Peltomaki P, Vasen H.](#) [Related Articles, Links](#)  
 **Mutations associated with HNPCC predisposition -- Update of ICG-HNPCC/INSiGHT mutation database.**  
Dis Markers. 2004;20(4-5):269-76. Review.  
PMID: 15528792 [PubMed - indexed for MEDLINE]
- ☐ **4:** [Vasen HF, Hendriks Y, de Jong AE, van Puijenbroek M, Tops C, Brocker-Vriends AH, Wijnen JT, Morreau H.](#) [Related Articles, Links](#)  
 **Identification of HNPCC by molecular analysis of colorectal and endometrial tumors.**  
Dis Markers. 2004;20(4-5):207-13. Review.  
PMID: 15528786 [PubMed - indexed for MEDLINE]
- ☐ **5:** [Ruschoff J, Roggendorf B, Brasch F, Mathiak M, Aust DE, Plaschke J, Mueller W, Poremba C, Kloor M, Keller G, Muders M, Blasenbren-Vogt S, Rummele P, Muller A, Buttner R; Collaborative German Study Group on hereditary colorectal cancer funded by the German Cancer Aid \(Deutsche Krebshilfe\).](#) [Related Articles, Links](#)  
 **[Molecular pathology in hereditary colorectal cancer. Recommendations of the Collaborative German Study Group on hereditary colorectal cancer funded by the German Cancer Aid (Deutsche Krebshilfe)]**  
Pathologe. 2004 May;25(3):178-92. Review. German.  
PMID: 15138699 [PubMed - indexed for MEDLINE]
- ☐ **6:** [Lucci-Cordisco E, Zito I, Gensini F, Genuardi M.](#) [Related Articles, Links](#)  
 **Hereditary nonpolyposis colorectal cancer and related conditions.**  
Am J Med Genet A. 2003 Nov 1;122(4):325-34. Review.  
PMID: 14518071 [PubMed - indexed for MEDLINE]
- ☐ **7:** [Santucci-Darmanin S, Paquis-Flucklinger V.](#) [Related Articles, Links](#)  
 **[Homologs of MutS and MutL during mammalian meiosis]**  
Med Sci (Paris). 2003 Jan;19(1):85-91. Review. French.  
PMID: 12836196 [PubMed - indexed for MEDLINE]
- ☐ **8:** [Clarke AR, Sansom OJ.](#) [Related Articles, Links](#)



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☐ 1: [Larson JS, Stringer SL, Stringer JR.](#)

Related Articles, Links



Impact of mismatch repair deficiency on genomic stability in the maternal germline and during early embryonic development.

Mutat Res. 2004 Nov 22;556(1-2):45-53.

PMID: 15491631 [PubMed - indexed for MEDLINE]

☐ 2: [Dobrovolsky VN, McKinzie PB, Shaddock JG, Mittelstaedt RA, Heflich RH, Parsons BL.](#)

Related Articles, Links



Pms2 deficiency results in increased mutation in the Hprt gene but not the Tk gene of Tk (+/-) transgenic mice.

Mutagenesis. 2003 Jul;18(4):365-70.

PMID: 12840110 [PubMed - indexed for MEDLINE]

☐ 3: [Fedier A, Ruefenacht UB, Schwarz VA, Haller U, Fink D.](#)

Related Articles, Links



Increased sensitivity of p53-deficient cells to anticancer agents due to loss of Pms2.

Br J Cancer. 2002 Oct 21;87(9):1027-33.

PMID: 12434296 [PubMed - indexed for MEDLINE]

☐ 4: [Hersh MN, Stambrook PJ, Stringer JR.](#)

Related Articles, Links



Visualization of mosaicism in tissues of normal and mismatch-repair-deficient mice carrying a microsatellite-containing transgene.

Mutat Res. 2002 Aug 29;505(1-2):51-62.

PMID: 12175905 [PubMed - indexed for MEDLINE]

☐ 5: [Shao C, Yin M, Deng L, Stambrook PJ, Doetschman T, Tischfield JA.](#)

Related Articles, Links



Loss of heterozygosity and point mutation at Aprt locus in T cells and fibroblasts of Pms2<sup>-/-</sup> mice.

Oncogene. 2002 Apr 25;21(18):2840-5.

PMID: 11973643 [PubMed - indexed for MEDLINE]

☐ 6: [Baross-Francis A, Makhani N, Liskay RM, Jirik FR.](#)

Related Articles, Links



Elevated mutant frequencies and increased C : G-->T : A transitions in Mlh1<sup>-/-</sup> versus Pms2<sup>-/-</sup> murine small intestinal epithelial cells.

Oncogene. 2001 Feb 1;20(5):619-25.

PMID: 11313994 [PubMed - indexed for MEDLINE]

☐ 7: [Edelmann W, Cohen PE, Kane M, Lau K, Morrow B, Bennett S, Umar A, Kunkel T, Cattoretti G, Chaganti R, Pollard JW, Kolodner RD, Kucherlapati R.](#)

Related Articles, Links



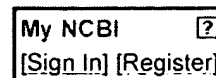
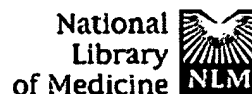
Meiotic pachytene arrest in MLH1-deficient mice.

Cell. 1996 Jun 28;85(7):1125-34.

PMID: 8674118 [PubMed - indexed for MEDLINE]

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- 1: [Kolas NK, Svetlanov A, Lenzi ML, Macaluso FP, Lipkin SM, Liskay RM, Greally J, Edelmann W, Cohen PE.](#) Related Articles, Links



Localization of MMR proteins on meiotic chromosomes in mice indicates distinct functions during prophase I.  
J Cell Biol. 2005 Nov 7;171(3):447-58. Epub 2005 Oct 31.  
PMID: 16260499 [PubMed - in process]

- 2: [Gill S, Lindor NM, Burgart LJ, Smalley R, Leontovich O, French AJ, Goldberg RM, Sargent DJ, Jass JR, Hopper JL, Jenkins MA, Young J, Barker MA, Walsh MD, Ruzskiewicz AR, Thibodeau SN.](#) Related Articles, Links



Isolated loss of PMS2 expression in colorectal cancers: frequency, patient age, and familial aggregation.  
Clin Cancer Res. 2005 Sep 15;11(18):6466-71.  
PMID: 16166421 [PubMed - indexed for MEDLINE]

- 3: [Agostini M, Tibiletti MG, Lucci-Cordisco E, Chiaravalli A, Morreau H, Furlan D, Boccuto L, Pucciarelli S, Capella C, Boiocchi M, Viel A.](#) Related Articles, Links



Two PMS2 mutations in a Turcot syndrome family with small bowel cancers.  
Am J Gastroenterol. 2005 Aug;100(8):1886-91.  
PMID: 16144131 [PubMed - indexed for MEDLINE]

- 4: [Southey MC, Jenkins MA, Mead L, Whitty J, Trivett M, Tesoriero AA, Smith LD, Jennings K, Grubb G, Royce SG, Walsh MD, Barker MA, Young JP, Jass JR, St John DJ, Macrae FA, Giles GG, Hopper JL.](#) Related Articles, Links



Use of molecular tumor characteristics to prioritize mismatch repair gene testing in early-onset colorectal cancer.  
J Clin Oncol. 2005 Sep 20;23(27):6524-32. Epub 2005 Aug 22.  
PMID: 16116158 [PubMed - indexed for MEDLINE]

- 5: [Hegde MR, Chong B, Blazo ME, Chin LH, Ward PA, Chintagumpala MM, Kim JY, Plon SE, Richards CS.](#) Related Articles, Links



A homozygous mutation in MSH6 causes Turcot syndrome.  
Clin Cancer Res. 2005 Jul 1;11(13):4689-93.  
PMID: 16000562 [PubMed - in process]

- 6: [Worthley DL, Walsh MD, Barker M, Ruzskiewicz A, Bennett G, Phillips K, Suthers G.](#) Related Articles, Links

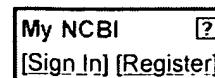
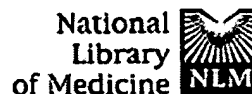


Familial mutations in PMS2 can cause autosomal dominant hereditary nonpolyposis colorectal cancer.  
Gastroenterology. 2005 May;128(5):1431-6.  
PMID: 15887124 [PubMed - indexed for MEDLINE]

- 7: [Truninger K, Menigatti M, Luz J, Russell A, Haider R, Gebbers JO, Bannwart F, Yurtsever H, Neuweiler J, Riehle HM, Cattaruzza MS, Heinimann K, Schar P, Jiricny J, Marra G.](#) Related Articles, Links



Immunohistochemical analysis reveals high frequency of PMS2 defects in colorectal



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- ☐ **1:** Menko FH, Kaspers GL, Meijer GA, Claes K, van Hagen JM, Gille JJ. [Related Articles, Links](#)
- A homozygous MSH6 mutation in a child with cafe-au-lait spots, oligodendroglioma and rectal cancer.  
Fam Cancer. 2004;3(2):123-7.  
PMID: 15340263 [PubMed - indexed for MEDLINE]
- ☐ **2:** Francia G, Man S, Teicher B, Grasso L, Kerbel RS. [Related Articles, Links](#)
- Gene expression analysis of tumor spheroids reveals a role for suppressed DNA mismatch repair in multicellular resistance to alkylating agents.  
Mol Cell Biol. 2004 Aug;24(15):6837-49.  
PMID: 15254249 [PubMed - indexed for MEDLINE]
- ☐ **3:** Lucci-Cordisco E, Zito I, Gensini F, Genuardi M. [Related Articles, Links](#)
- Hereditary nonpolyposis colorectal cancer and related conditions.  
Am J Med Genet A. 2003 Nov 1;122(4):325-34. Review.  
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- ☐ **4:** Chen Y, Wang J, Fraig MM, Henderson K, Bissada NK, Watson DK, Schweinfest CW. [Related Articles, Links](#)
- Alterations in PMS2, MSH2 and MLH1 expression in human prostate cancer.  
Int J Oncol. 2003 May;22(5):1033-43.  
PMID: 12684669 [PubMed - indexed for MEDLINE]
- ☐ **5:** Jarvinen HJ, Aarnio M. [Related Articles, Links](#)
- Surveillance on mutation carriers of DNA mismatch repair genes.  
Ann Chir Gynaecol. 2000;89(3):207-10. Review.  
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- ☐ **6:** Lipkin SM, Wang V, Jacoby R, Banerjee-Basu S, Baxevanis AD, Lynch HT, Elliott RM, Collins FS. [Related Articles, Links](#)
- MLH3: a DNA mismatch repair gene associated with mammalian microsatellite instability.  
Nat Genet. 2000 Jan;24(1):27-35.  
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- ☐ **7:** Nicolaides NC, Littman SJ, Modrich P, Kinzler KW, Vogelstein B. [Related Articles, Links](#)
- A naturally occurring hPMS2 mutation can confer a dominant negative mutator phenotype.  
Mol Cell Biol. 1998 Mar;18(3):1635-41.  
PMID: 9488480 [PubMed - indexed for MEDLINE]
- ☐ **8:** Moliaka YK, Cella M, Chudina AP, Kolesnikova TN, Terracciano L, Cathomas G, Bochkov NP, Buerstedde JM. [Related Articles, Links](#)
- Mechanisms underlying mismatch repair deficiencies in normal cells.  
Genes Chromosomes Cancer. 1997 Nov;20(3):305-9.